

BOREHOLE LOG

	ct Number: 01K78601	OU 2, Site 20, Landfill 1/Drum Disposal Site Borehole No.: 20-MW-11					Sheet 1 of 3				
Boreh	nole Location: 2099096.86 N, 5801824	.08 E		·			Flevation and Datum				
Drillin	g Contractor: Tri-County Drilling, Inc.	Date Starts 4					436.30 feet MS				
Drillin	g Equipment: CME-75	Total Depth: 90 feet Sampling Method: Split Spoon					Groundwater Depth: 86 feet Borehole Diameter: 11 inches				
Drillin	g Method: Hollow Stem Auger										
Driller	M. Ferguson										
lamm	er Information:							4" monitoring well			
	ual Hammer. 140-lb and 30-inch drop	Logged By	æler			Checked By: M. Anderson					
Depth (feet)	Lithologic Description		Symbol	USCS	Sample	Sample Number	Blow	Field OVA (ppm)	Remarks		
=	SILTY SAND, very dark grayish brow 3/2), moist, fine to medium grained, k Same as above, wet	n (2.5YR pose.		SM SM				0	Hand augered to 7 feet Perched water 2 to 5 feet		
	SILTY CLAY, olive brown (2.5Y 4/3), olivese. CLAY, light gray (2.5Y 7/2), dry, hard,	nonplastic.		CL	-			0			
	CLAYEY SAND, grayish brown (2.5Y hard, very dense, low plasticity. SANDY CLAY, grayish brown (2.5Y 5/ firm, medium plasticity, with fine to me grained sand (20%). CLAY, light olive brown (2.5Y 5/3), slig	2), moist, dium		SC CL				0	- - -		
5	firm, stiff, high plasticity, with sand (10) Same as above, soft, with trace sand.	%).		CL				0 - 1-	- - - Easier drilling.		
	Same as above, olive brown (2.5Y 4/3)			CL							
	Same as above, firm, stiff.			CL							
	Same as above, with trace angular che	t gravel.		CL							



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Project Name: VANDENBERG AFB IRP: OU 2, Site 20, Landfill 1/Drum Disposal Site 1 Project Number: 01K78601 Borehole No.: 20 MW 44											
01K/8601			ole No.: 20-MW-11					Sheet 2 of 3			
Depth (feet)	Lithologic Description		Symbol	USCS	Sample	Sample Number	Blow	Field OVA (ppm)	Remarks		
- -	Same as above, with trace angular cher subangular shale gravel up to 3/4".	rt and		CL				0	-		
.35	SANDY CLAY, olive gray (5Y 5/2), slight stiff, firm, high plasticity, with fine sand-s rock fragments (25%) and trace rounded Same as above, increasing gravel.	size 🖁		CL				0	- - - -		
	Carrie as above, increasing graver.			CL							
40	SANDY CLAY with GRAVEL, olive gray slightly moist, stiff, firm, high plasticity, w (30%) and gravel (20%).	(5Y 5/2), rith sand		CL				0			
4 5	Same as above, olive (5Y 4/3).			CL				0	Harder drilling.		
50	GRAVELLY CLAY with SAND, olive gray (5Y 5/2), slightly moist, firm, medium plas with gravel up to 1" (30%) and sand (20%)	sticity.		CL				0	- - - - - - - - -		
55	Same as above, very dark grayish brown (10YR 3/2), dry, hard.			CL				0	- -		
0	ROCK, very dark brown (10YR 2/2), fraction dry to slightly moist, firm, medium plasticity rounded gravel (<5%) and trace sand.	ured, ty, with		RX				- -	Slightty easier drillingGradational contact with weathered, fractured bedrock.		
5								0 1.1.1.1.1	- . - -		
	Same as above, dry, hard.			RX				0			
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Project	Number: 01K78601	Borehole N	te 20, Landfill 1/Drum Disposal Site 1 lole No.: 20-MW-11					Sheet 2 (2			
								3 of	3		
Depth (feet)	Lithologic Description		Symbol	USCS	Sample	Sample	Blow	Field OVA (ppm)	Remarks		
.75	Same as above, slightly moist.			RX				0	-		
80	Same as above, moist, highly fractured firm, with trace angular chert gravel.	I, soft to		RX				0	L L L Easier drilling. L L L L L L L L L L L L L L L L L L L		
.85	Same as above, wet.			RX				0	Slower drilling Slower drilling Traces of clay and gravel to		
90	End of boring at 90 feet below ground so Groundwater encountered at 86 feet. Completed as 4" monitoring well.	urface.	-					0	unweathered rock encountered		
95									- - - -		
100									- - - ,		
05									- - -		
10								-			